

HP DV6000 or DV9000 with two gpu's instructions

1. Remove both heatsinks and clean any dust from the fans and cooling fins
2. Peel off the aluminum pads/clean off the old thermal paste and remove the blue pad. Remove thermal pads on the larger gpu heatsink and install the purple thermal pads - See <http://goo.gl/4lmJo> (case sensitive) for reference
3. Use the sandpaper to polish the copper contacts and printing on the larger gpu for best thermal conductivity if desired
4. Apply a small amount of thermal paste(see page 2) to both gpu contacts on the heatsink(s)
5. Apply shim A to the gpu contact closest to the cpu and shim D on the other - See <http://goo.gl/yZxod> (case sensitive) for a pictured reference
6. On the motherboard apply thermal paste to all gpu's/cpu and ram chips surrounding the second gpu
7. Apply the small shims on each of the 1-4 ram chips
8. Install then remove the heatsink(s)

- If the larger gpu's(nvidia) thermal paste is not making contact or not making enough contact remove shim D and apply shim C
- If the middle gpu's thermal paste is not making contact or not making enough contact skip the next step and see the below instructions
- If the paste is making good contact apply more thermal paste to the cpu and gpu's and reinstall the heatsink

-If the middle gpu is not making direct contact-

Most boards will be shim A thickness, some (intel mostly) can have a larger or smaller gap

Shim A will be too thick if the cpu is not making direct contact also, if so use shim B and the purple thermal putty, see <http://goo.gl/e1A9T> for a pictured reference

If the gap is larger then shim A most will be an exact fit with shim A and C stacked together with thermal paste between each, if not use shim A and the thermal putty.

--Thermal paste--

Use the paste sparingly, the pictures show more than enough for each heatsink/shim/gpu/cpu contact. You should only need about half of the syringe per install.

